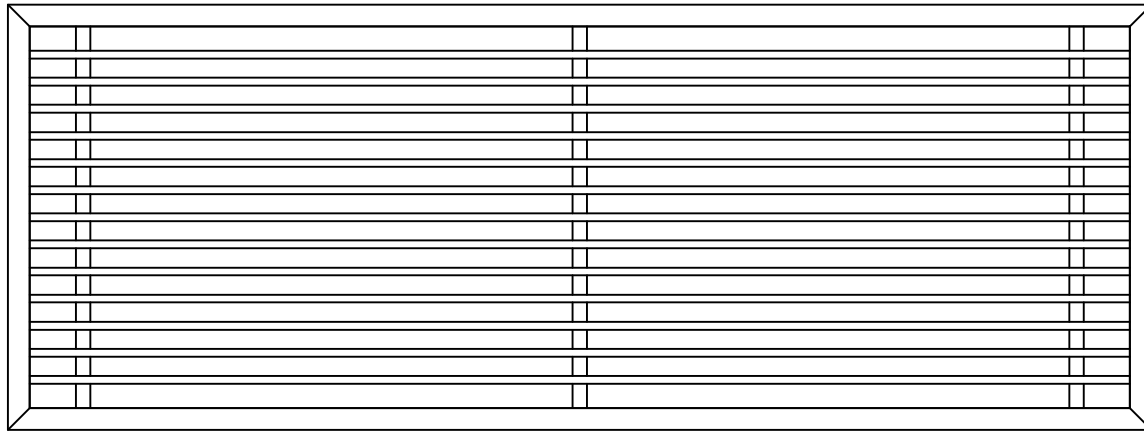
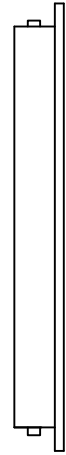
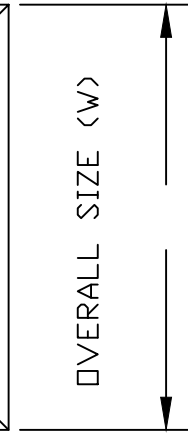


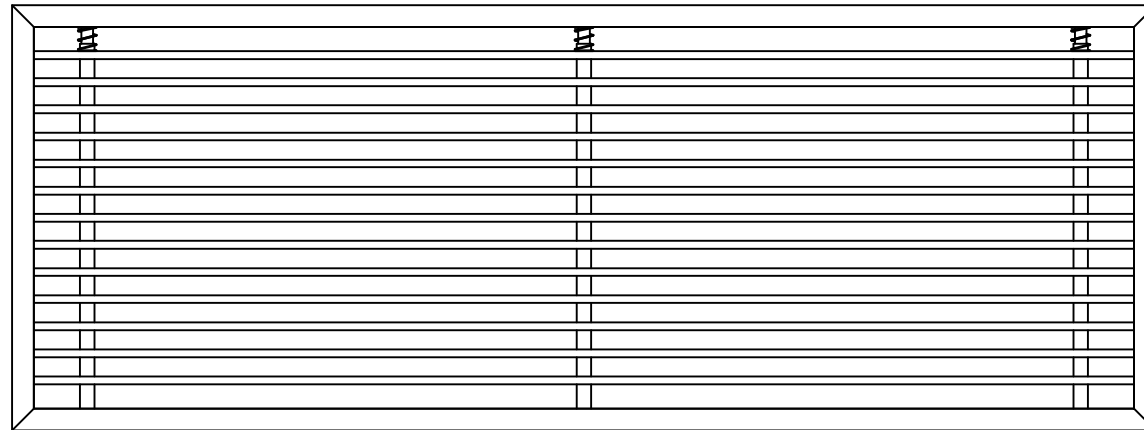
LD-ON



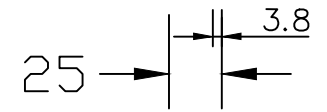
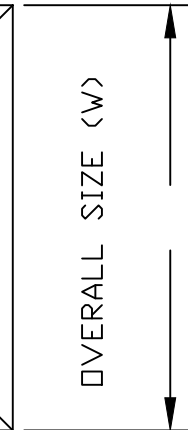
OVERALL SIZE (W)



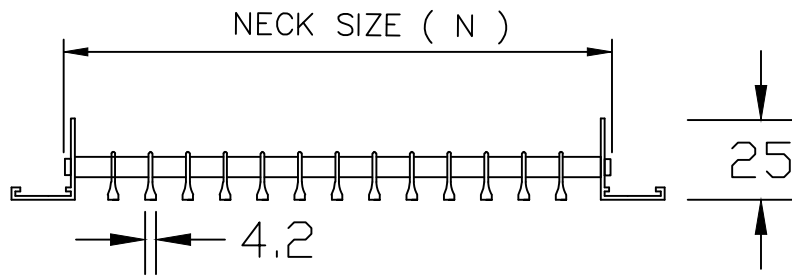
LD-ON(R/C)



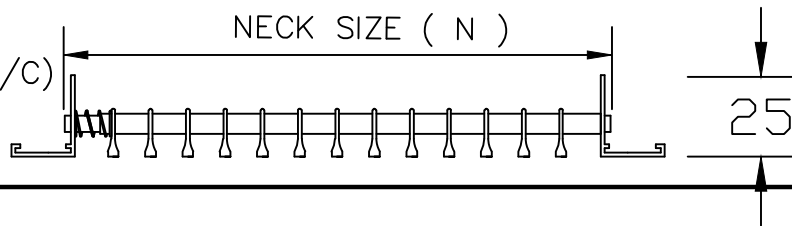
OVERALL SIZE (W)



LD-ON

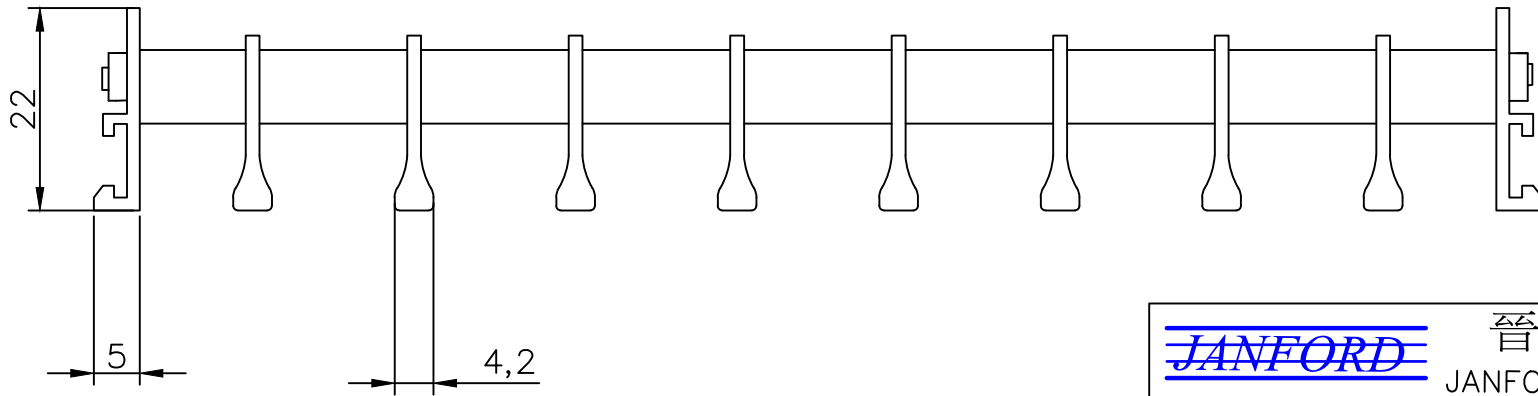
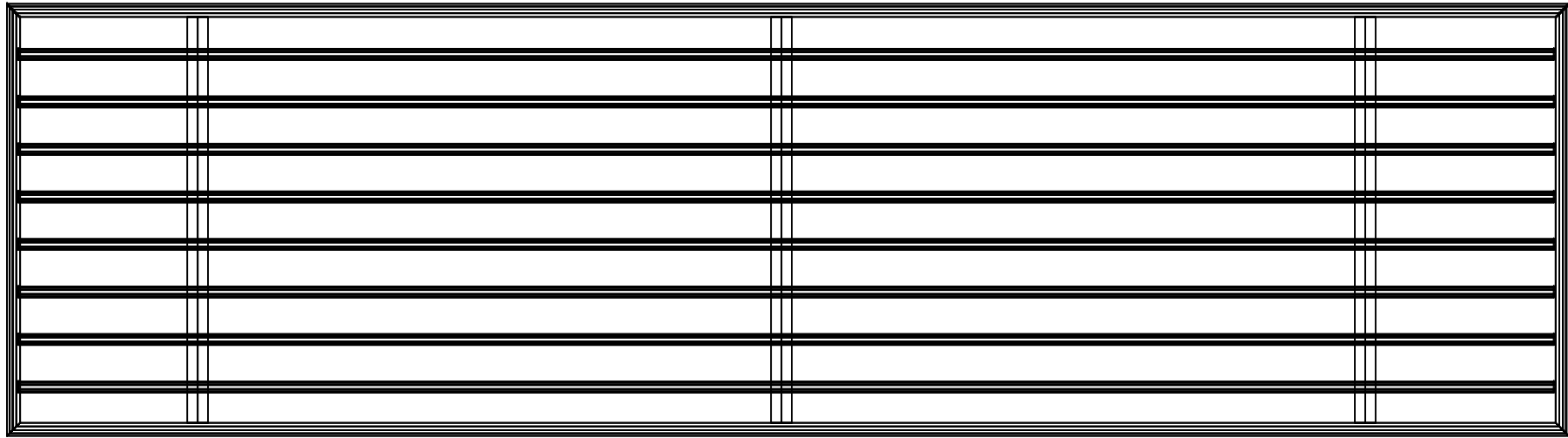


LD-ON(R/C)



FRAME	NECK SIZE	CEILING OPENING SIZE
( 3/4" ), 19 MM	BASE SIZE - 29 MM	BASE SIZE - 22 MM
( 1" ), 25 MM	BASE SIZE - 41 MM	BASE SIZE - 34 MM
( 1-1/4" ), 32 MM	BASE SIZE - 55 MM	BASE SIZE - 48 MM

<b>JANFORD</b>		<b>晉福風咀有限公司</b>	
<b>JANFORD AIR FLOW CO. LTD.</b>			
ALUMINIUM 0° LINEAR DIFFUSER			
MODEL	LD-ON , LDON(R/C)	PROJECT	
SCALE	NIL	DRAWN BY	cheong
		DATE	17/11/2016



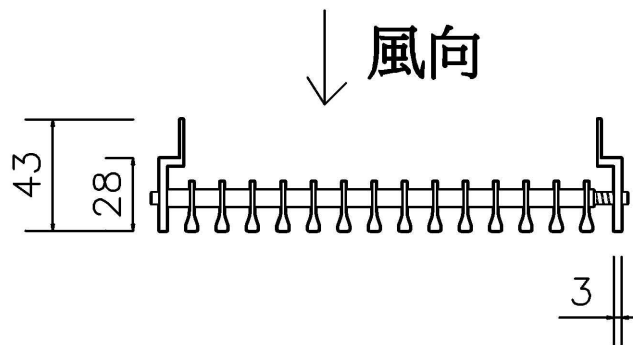
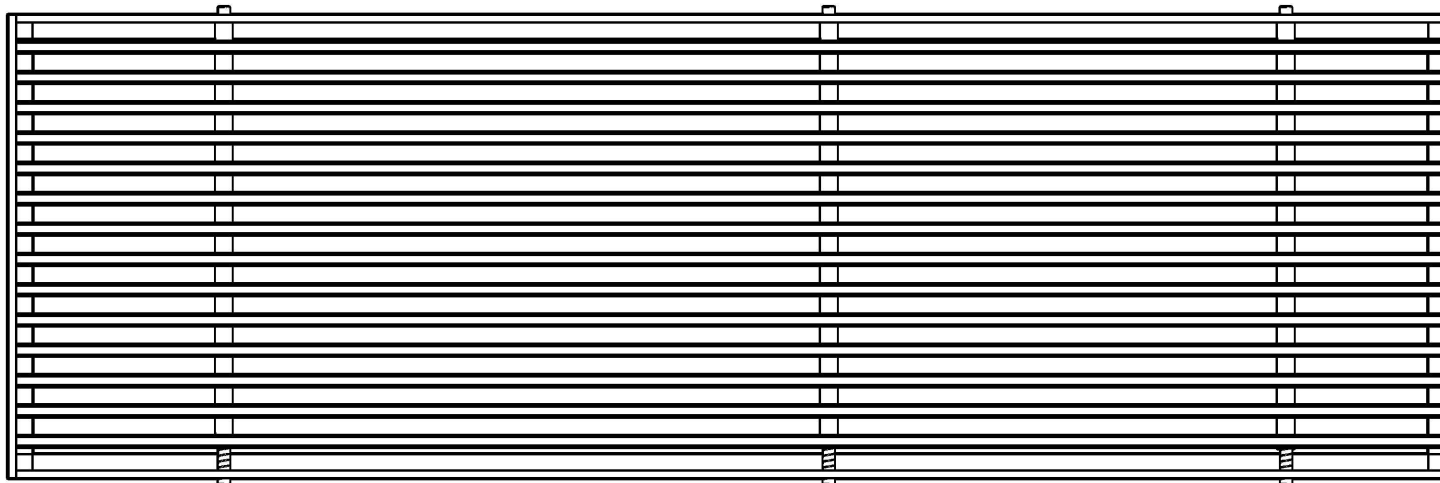
**JANFORD**

晉福風咀有限公司

JANFORD AIR FLOW CO. LTD.

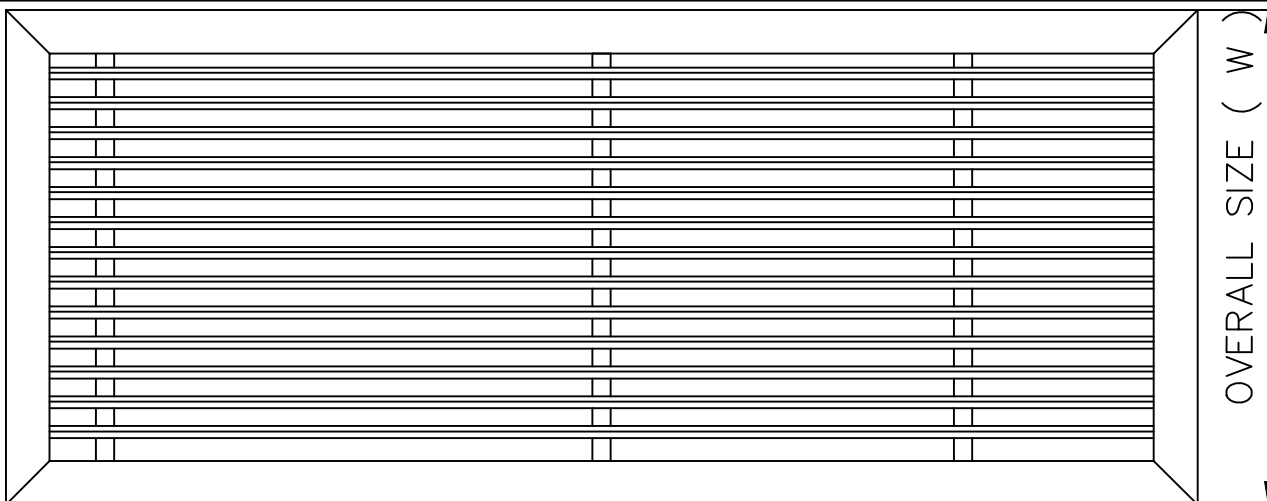
ALUMINIUM 0° LINEAR DIFFUSER (FLAMLESS)

MODEL	LDON-NF	PROJECT	
SCALE	NIL	DRAWN BY	CHEONG
		DATE	21/11/16



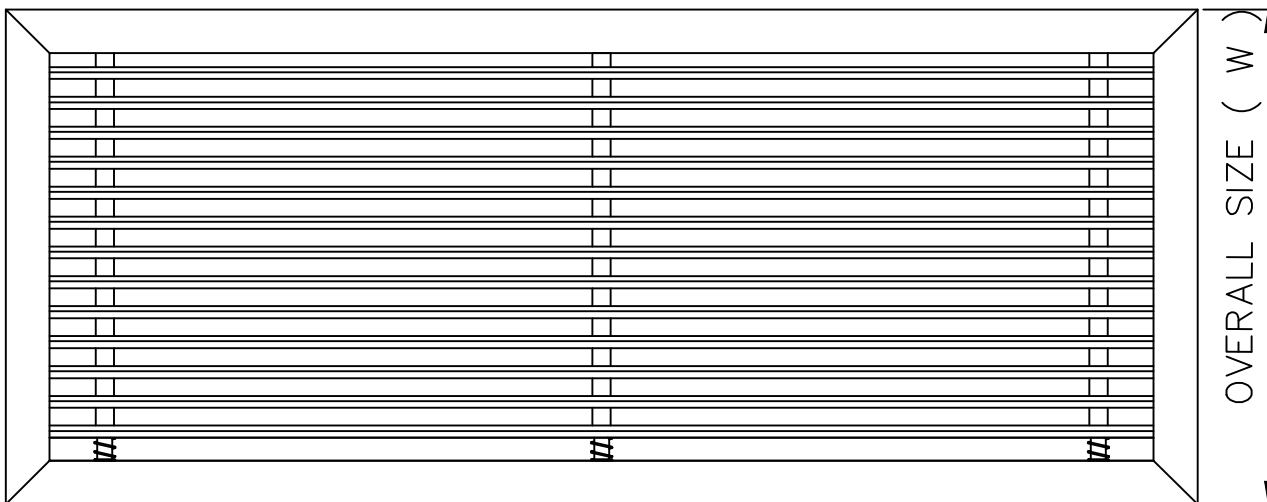
<b>JANFORD</b>		<b>晉福風咀有限公司</b>	
		JANFORD AIR FLOW CO. LTD.	
ALUMINIUM 0° LINEAR DIFFUSER(REMOVABLE CORE) (Z FLAME)			
MODEL	LD-ON(R/C)-Z		
SCALE	NIL	DRAWN BY	cheong
		DATE	10/7/2014

LD-15

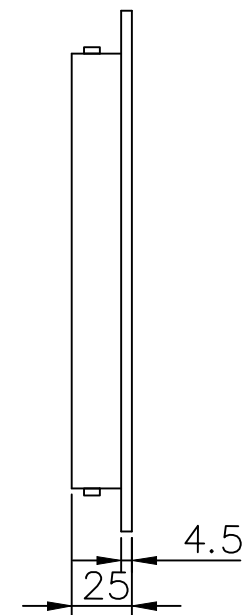


OVERALL SIZE ( W )

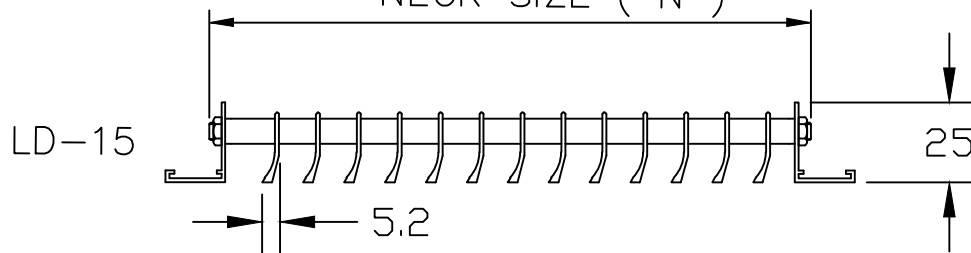
LD-15(R/C)



OVERALL SIZE ( W )



NECK SIZE ( N )



LD-15

25

5.2

LD-15(R/C)



FRAME	NECK SIZE	CEILING OPENING SIZE
( 3/4" ), 19 MM	BASE SIZE - 29 MM	BASE SIZE - 22 MM
( 1" ), 25 MM	BASE SIZE - 41 MM	BASE SIZE - 34 MM
( 1-1/4" ), 32 MM	BASE SIZE - 55 MM	BASE SIZE - 48 MM

**JANFORD**

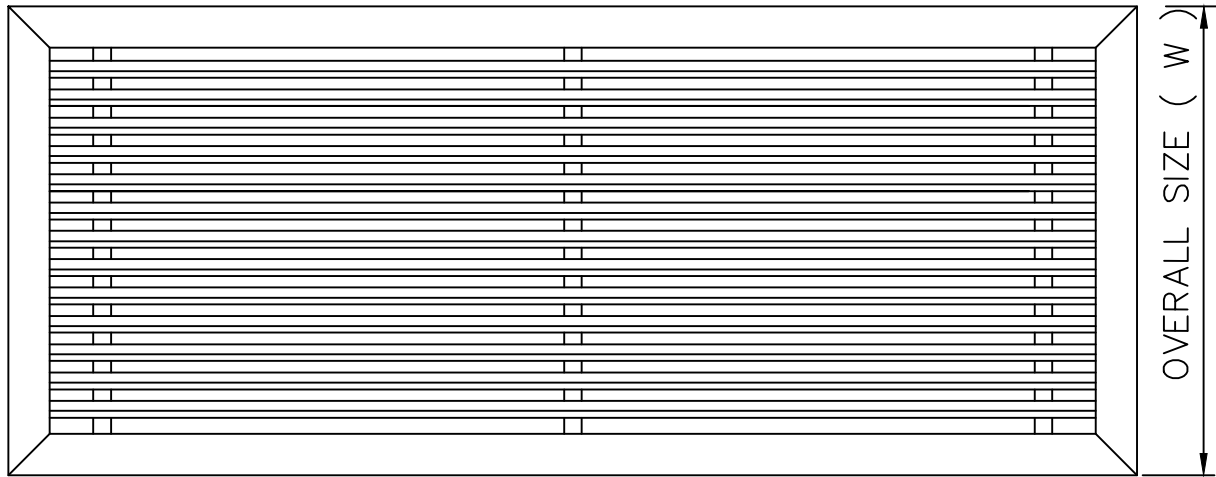
晉福風咀有限公司

JANFORD AIR FLOW CO. LTD.

ALUMINIUM 15° LINEAR DIFFUSER

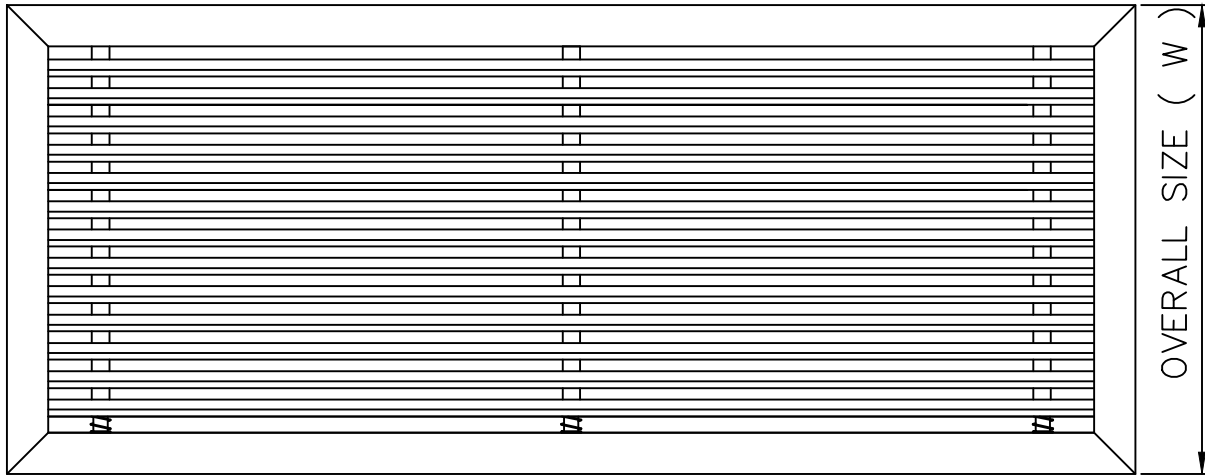
MODEL	LD-15 , LD-15(R/C)	PROJECT	
SCALE	NIL	DRAWN BY	CHEONG
		DATE	18/11/2016

LD-30

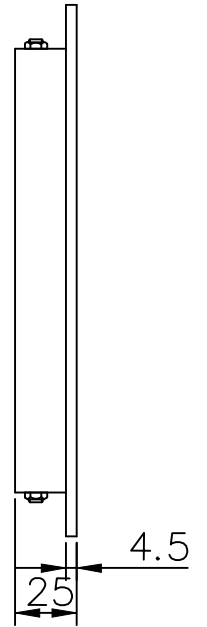


OVERALL SIZE ( W )

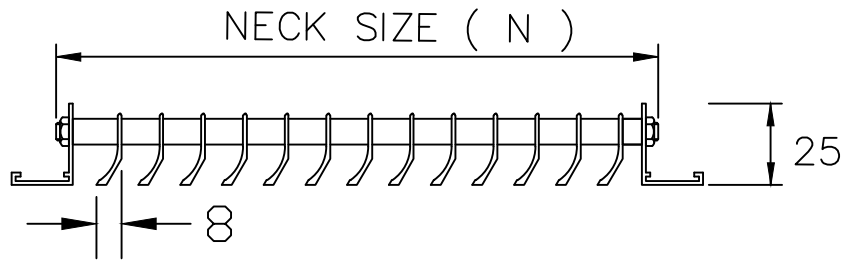
LD-30(R/C)



OVERALL SIZE ( W )



LD-30



NECK SIZE ( N )

25

8

LD-30(R/C)



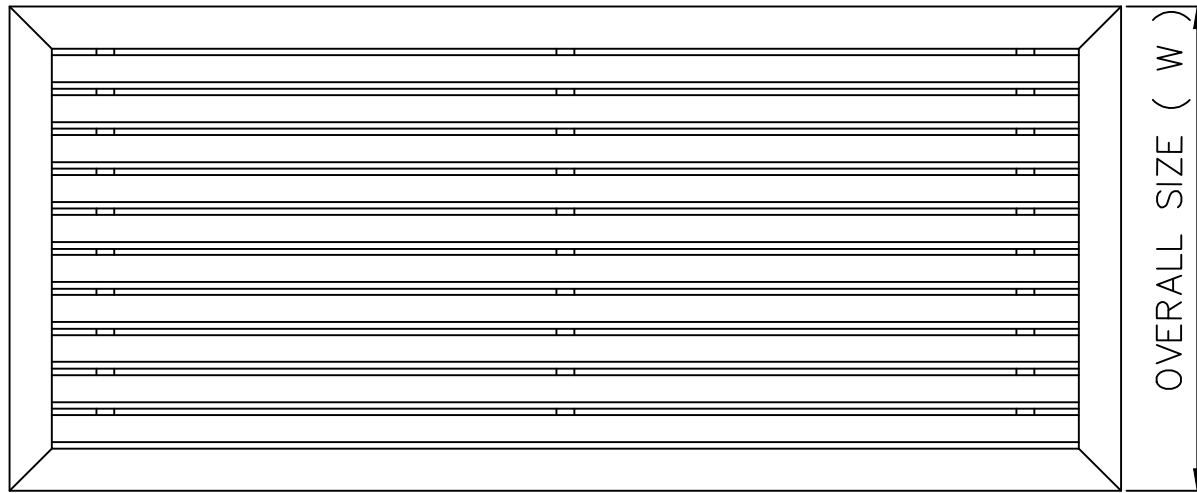
FRAME	NECK SIZE	CEILING OPENING SIZE
( 3/4" ), 19 MM	BASE SIZE - 29 MM	BASE SIZE - 22 MM
( 1" ), 25 MM	BASE SIZE - 41 MM	BASE SIZE - 34 MM
( 1-1/4" ), 32 MM	BASE SIZE - 55 MM	BASE SIZE - 48 MM

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JANFORD AIR FLOW CO. LTD.

ALUMINIUM 30° LINEAR DIFFUSER

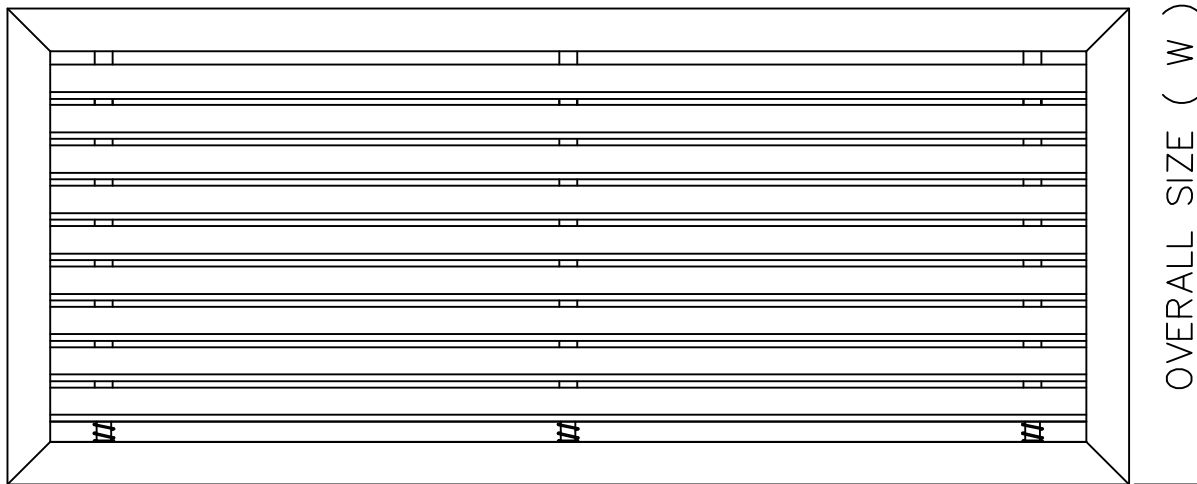
MODEL	LD-30 , LD-30(R/C)	PROJECT	
SCALE	NIL	DRAWN BY	CHEONG
		DATE	18/11/2016

LD-45

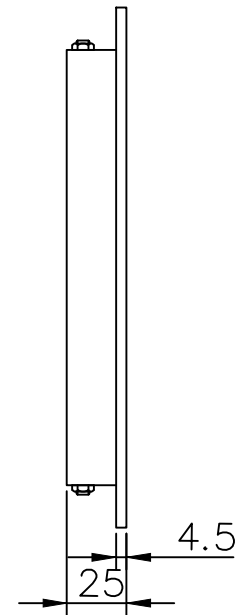


OVERALL SIZE ( W )

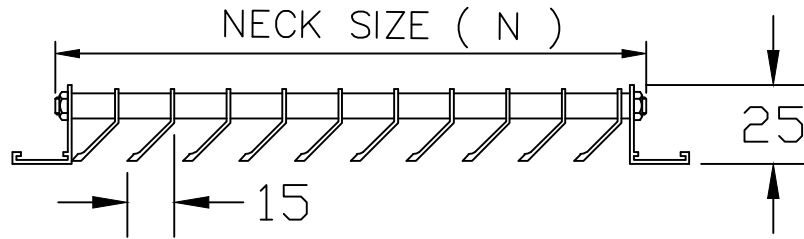
LD-45(R/C)



OVERALL SIZE ( W )



LD-45

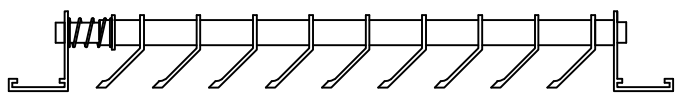


NECK SIZE ( N )

25

15

LD-45(R/C)



FRAME	NECK SIZE	CEILING OPENING SIZE
( 3/4" ), 19 MM	BASE SIZE - 29 MM	BASE SIZE - 22 MM
( 1" ), 25 MM	BASE SIZE - 41 MM	BASE SIZE - 34 MM
( 1-1/4" ), 32 MM	BASE SIZE - 55 MM	BASE SIZE - 48 MM

**JANFORD** 晉福風咀有限公司  
JANFORD AIR FLOW CO. LTD.

ALUMINIUM 45° LINEAR DIFFUSER

MODEL	LD-45 , LD-45(R/C)	PROJECT	
SCALE	NIL	DRAWN BY	CHEONG
		DATE	18/11/16

## LINEAR BAR GRILLE

### Series LD-0N - Supply Air (Sidewall)

Neck Size (mm)

100mm

A<sub>k</sub>.0.0743

Air Volume (L/s / Meter)	157	197	236	275	315
Static Pressure (Pa)	9	14	20	27	35
Throw (M)	1.2-4.9	1.8-5.5	2.4-6.1	3-<6.1	3.6-<6.1

Unit Length

1200mm	16	24	30	35	39
1800mm	18	26	32	37	41
2400mm	19	27	33	38	42
3000mm	21	29	35	40	44

Noise Criteria (NC)

Neck Size (mm)

150mm

A<sub>k</sub>.0.1115

Air Volume (L/s / Meter)	177	216	256	291	334
Static Pressure (Pa)	6	8	12	15	20
Throw (M)	2.4-6.1	3-6.7	3.6-<6.7	4.2-<6.7	4.8-<6.7

Unit Length

1200mm	20	24	31	34	38
1800mm	22	26	33	36	40
2400mm	23	27	34	37	41
3000mm	25	29	36	39	43

Noise Criteria (NC)

Neck Size (mm)

200mm

A<sub>k</sub>.0.1487

Air Volume (L/s / Meter)	197	236	275	315	354
Static Pressure (Pa)	4	7	9	11	15
Throw (M)	1.8-5.5	2.4-6.1	3-<6.7	3.6-<6.7	4.2-<6.7

Unit Length

1200mm	21	27	31	35	39
1800mm	23	29	33	37	41
2400mm	24	30	34	38	42
3000mm	26	32	36	40	44

Noise Criteria (NC)

Note : Data based on the actual testing of the 1200mm Long units.  
The Noise Criteria Ratings are based on a 10dB room Attenuation.

Throw (T) base on V<sub>T</sub> 0.5-0.25 m/s

A<sub>k</sub> - Square Meter Per Meter of Length

Vertical Down -Throw

Case	Multiplier
Less than 300mm beside The wall	Throw (M) x 0.9
More than 1500mm beside The wall	Throw (M) x 0.6

## LINEAR BAR GRILLE Series LD-0N - Return Air

<u>Neck Size (mm)</u>		<u>(-P<sub>s</sub>) Negative Static Pressure (Pa)</u>				
NC Level		-3	-5	-7	-10	-13
<u>Length</u>		<u>Air Volume (L/s)</u>				
100 x 1200		189	236	283	330	378
NC		<15	20	34	35	45
100 x 1800		283	354	425	496	566
NC		17	22	36	37	47
100 x 2400		378	472	566	661	755
NC		18	23	37	38	48
100 x 3000		472	590	708	826	944
NC		20	25	39	40	50
150 x 1200		283	354	425	496	566
NC		<15	20	33	36	40
150 x 1800		425	531	637	743	849
NC		17	22	35	38	42
150 x 2400		566	708	849	991	1133
NC		18	23	36	39	43
150 x 3000		708	885	1062	1239	1416
NC		20	25	38	41	45
200 x 1200		378	472	566	661	755
NC		<15	20	37	43	44
200 x 1800		566	708	849	991	1133
NC		17	22	39	45	46
200 x 2400		755	944	1133	1321	1510
NC		18	23	40	46	47
200 x 3000		944	1180	1416	1652	1888
NC		20	25	41	48	49

Note : Data based on the actual testing of the 1200mm Long units  
The Noise Criteria Ratings are based on a 10dB room attenuation.



## LINEAR BAR GRILLE

### Series LD-30 - Supply Air (Sidewall)

Neck Size (mm)

100mm

A<sub>K</sub>.0.0383

Air Volume (L/s / Meter)	77	115	153	192	230
Static Pressure (Pa)	3	7	12	19	27
Throw (M)	2.4-3.4	3.7-4.9	4.9-6	6-7.6	7.3-8.8

Unit Length

1200mm

1800mm

2400mm

3000mm

Noise Criteria (NC)	--	13	21	27	33
	13	15	23	29	35
	15	17	25	30	36
	17	19	27	32	38

Neck Size (mm)

150mm

A<sub>K</sub>.0.0592

Air Volume (L/s / Meter)	120	179	239	299	359
Static Pressure (Pa)	3	7	12	19	27
Throw (M)	3-4	4.6-5.5	5.8-7	7.3-8.5	8.2-9.8

Unit Length

1200mm

1800mm

2400mm

3000mm

Noise Criteria (NC)	13	14	22	29	34
	14	16	24	31	35
	16	18	26	33	37
	18	20	28	35	39

Neck Size (mm)

200mm

A<sub>K</sub>.0.08

Air Volume (L/s / Meter)	164	245	327	409	491
Static Pressure (Pa)	3	7	12	19	27
Throw (M)	3.9-4.9	5.5-6.4	6.7-7.9	8-9.4	8.5-9.8

Unit Length

1200mm

1800mm

2400mm

3000mm

Noise Criteria (NC)	14	16	24	30	35
	16	18	26	31	36
	18	20	27	33	38
	20	22	29	35	40

Note : Data based on 1200mm Long units.  
 The Noise Criteria Ratings are based on a 10dB room Attenuation.  
 Throw (T) base on V<sub>T</sub> 0.5-0.25 m/s  
 A<sub>K</sub> - Square Meter Per Meter of Length

Vertical Down -Throw

Case	Multiplier
Less than 300mm beside The wall	Throw (M) x 0.9
More than 1500mm beside The wall	Throw (M) x 0.6

## LINEAR BAR GRILLE Series LD-30 - Return Air

<u>Neck Size (mm)</u>	<u>(-P<sub>s</sub>) Negative Static Pressure (Pa)</u>					
	<u>NC Level</u>	<u>-3</u>	<u>-5</u>	<u>-10</u>	<u>-15</u>	<u>-22</u>
<u>Length</u>	<u>Air Volume (L/s)</u>					
100 x 1200		93	138	183	230	276
NC		13	17	25	31	37
100 x 1800		140	207	274	345	414
NC		15	19	27	33	39
100 x 2400		186	276	366	460	552
NC		15	20	28	34	40
100 x 3000		280	414	548	690	818
NC		18	22	30	36	42
150 x 1200		144	215	287	359	430
NC		13	17	25	33	37
150 x 1800		216	323	431	540	645
NC		15	19	27	35	39
150 x 2400		288	430	574	718	840
NC		16	21	29	36	41
150 x 3000		432	646	862	1080	1290
NC		18	23	31	38	43
200 x 1200		197	294	393	491	589
NC		13	17	25	35	38
200 x 1800		296	441	590	737	884
NC		15	18	27	37	41
200 x 2400		394	588	786	982	1178
NC		16	20	29	39	43
200 x 3000		592	882	1080	1474	1768
NC		18	22	31	41	45

Note : Data based on 1200mm Long units  
The Noise Criteria Ratings are based on a 10dB room attenuation.

## LINEAR BAR GRILLE

### Series LD-45 - Supply Air (Ceiling)

Neck Size (mm)

100mm

A<sub>K</sub>.0.0495

Air Volume (L/s / Meter)	118	157	197	236	275
Static Pressure (Pa)	7	12	18	26	35
Throw (M)	1.7-3	2.4-3.7	3-4.9	3.7-5.5	4.4-5.9

Unit Length

1200mm	19	25	32	39	42
1800mm	21	27	34	41	44
2400mm	22	28	35	42	45
3000mm	24	30	37	44	47

Neck Size (mm)

150mm

A<sub>K</sub>.0.0556

Air Volume (L/s / Meter)	157	197	236	275	315
Static Pressure (Pa)	5	7	10	13	17
Throw (M)	1.8-3.6	2.4-4.2	3-4.9	3.6-5.5	4.2-5.9

Unit Length

1200mm	21	29	33	37	40
1800mm	23	31	35	39	42
2400mm	24	32	36	40	43
3000mm	26	34	38	42	45

Neck Size (mm)

200mm

A<sub>K</sub>.0.077

Air Volume (L/s / Meter)	157	197	236	275	315
Static Pressure (Pa)	3	5	7	9	12
Throw (M)	3-4.8	3.4-5.2	3.8-5.6	4.2-6	4.4-6.4

Unit Length

1200mm	19	23	30	34	39
1800mm	21	25	32	36	41
2400mm	22	26	33	37	42
3000mm	24	28	35	39	44

Note : Data based on the actual testing of the 1200mm Long units.  
 The Noise Criteria Ratings are based on a 10dB room Attenuation.  
 Throw (T) base on V<sub>T</sub> 0.5-0.25 m/s  
 A<sub>k</sub> - Square Meter Per Meter of Length

LINEAR BAR GRILLE  
Series LD-45 - Return Air

Neck Size (mm)	(-P <sub>s</sub> ) Negative Static Pressure (Pa)				
	-5	-8	-12	-19	-28
NC Level					
Length	Air Volume (L/s)				
100 x 1200	109	142	175	215	260
NC	22	33	33	37	45
100 x 1800	163	212	262	322	389
NC	24	35	35	39	47
100 x 2400	217	283	349	429	519
NC	25	36	36	40	48
100 x 3000	271	354	437	537	648
NC	27	38	38	42	50
150 x 1200	177	229	283	349	425
NC	22	30	27	35	51
150 x 1800	266	344	425	524	637
NC	24	32	29	37	53
150 x 2400	354	458	566	698	849
NC	25	33	30	38	54
150 x 3000	443	572	708	873	1062
NC	27	35	32	40	56
200 x 1200	236	307	378	472	566
NC	15	22	41	37	50
200 x 1800	354	460	566	708	849
NC	17	24	43	39	52
200 x 2400	472	613	755	943	1133
NC	18	25	44	40	53
200 x 3000	590	767	944	1180	1416
NC	20	27	46	42	55

Note : Data based on the actual testing of the 1200mm Long units  
The Noise Criteria Ratings are based on a 10dB room attenuation.